



07-09-01

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Attorney's Docket No. 577-516 (T&B 1632)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box: PATENT APPLICATION

Commissioner for Patents
Washington, D.C. 20231

NONPROVISIONAL PATENT APPLICATION TRANSMITTAL

Sir:

Transmitted herewith for filing is the patent application of:

First Named Inventor (or Inventors):

**Cong Thanh Dinh
Harsh Gupta
Mark R. Drane**

Title of Application:

HANGER BAR ASSEMBLY

1. Type of Application (37 C.F.R. 1.53(b))

This application is a(n):

- ☒ Original (nonprovisional) application.
- ☐ Continuing application:
- ☐ Divisional ☐ Continuation ☐ Continuation-in-Part (CIP)

of Serial No. _____, filed on _____.

CERTIFICATION UNDER 37 C.F.R. 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date, July 6, 2001, in an envelope as "Express Mail to Addressee" Mailing Label Number EL470332164US, addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Julie L. Watts

Name of person mailing paper

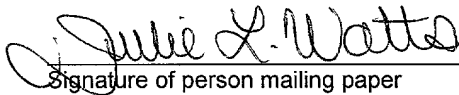

Signature of person mailing paper

Figure 1 consists of 12 bar charts, labeled (a) through (l), each representing a different demographic or socioeconomic category. Each chart displays the percentage of the total sample for that category across four time points: 1990, 1995, 2000, and 2005. The categories are as follows:

- (a) Age group: 0-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85-94, 95-104.
- (b) Sex: Male, Female.
- (c) Education: No education, Primary, Secondary, Tertiary.
- (d) Employment: Unemployed, Employed.
- (e) Income: Less than \$10,000, \$10,000-\$19,999, \$20,000-\$29,999, \$30,000-\$39,999, \$40,000-\$49,999, \$50,000-\$59,999, \$60,000-\$69,999, \$70,000-\$79,999, \$80,000-\$89,999, \$90,000-\$99,999, \$100,000 or more.
- (f) Health status: Excellent, Very good, Good, Fair, Poor.
- (g) Marital status: Single, Married, Divorced, Widowed.
- (h) Religion: No religion, Christianity, Islam, Hinduism, Buddhism, Judaism, Sikhism, Other.
- (i) Ethnicity: White, Black, Asian, Hispanic, Other.
- (j) Language: English, Spanish, French, German, Italian, Japanese, Korean, Chinese, Other.
- (k) Nationality: American, Canadian, British, French, German, Italian, Japanese, Korean, Chinese, Other.
- (l) Country of origin: United States, Canada, United Kingdom, France, Germany, Italy, Japan, Korea, China, Other.

4. **Enclosed Papers Required to Obtain Application Filing Date under 37 C.F.R. 1.53(b)**

14 Pages of Specification
4 Pages of Claims
1 Pages of Abstract
4 Sheets of Drawings ☐ Formal ☒ Informal

5. **Oath or Declaration**

- ☐ Newly executed Oath or Declaration (original or copy) is enclosed.
- ☐ Copy of Oath or Declaration from prior continuation or divisional application _____ (37 C.F.R. 1.63(d)).
- ☐ The entire disclosure of the prior application, from which a copy of the oath or Declaration is supplied, is considered as being a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- ☐ A Power of Attorney is included in the Oath or Declaration.
- ☒ Not enclosed.

6. **Additional Papers Enclosed**

- ☒ Return Receipt Postcard (specifically itemized) (M.P.E.P. § 503).
- ☐ Application Data Sheet (Voluntary under 37 C.F.R. 1.76).
- ☐ Preliminary Amendment.
- ☐ Information Disclosure Statement (37 C.F.R. 1.98).
- ☐ Form PTO-1449 ☐ Copies of IDS Citations
- ☐ Nucleotide and/or Amino Acid Sequence Listing computer-readable copy, paper copy, and statement verifying identity of computer-readable and paper copies.
- ☐ Certified Copy of Priority Document(s).
- ☐ Verified translation of non-English language application (37 C.F.R. 1.52(d)).
- ☐ Other: _____.

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7. Assignment

- ☐ An assignment of the invention to ____.
- ☐ is enclosed. A separate:
- ☐ "Cover Sheet for Assignment (Document) Accompanying New Patent Application" is enclosed.
- ☐ Form PTO-1595 is enclosed.
- ☐ was made in prior application No. _____, filed on _____.
- ☐ A copy of the assignment (and any recordation cover sheet) is enclosed.
- ☐ will follow.
- ☒ Not enclosed.

8. Request That Application Not Be Published Pursuant to 35 U.S.C. 122(b)(2)

- ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant(s) hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

9. Fee Calculation (37 C.F.R. 1.16)

Utility Application (37 C.F.R. 1.16(a)) Basic Fee \$710.00

FEES FOR CLAIMS AS FILED						
Number filed	Number extra		Rate			
Total Claims (37 C.F.R. 1.16 (c))	20	- 20	= 0	x \$ 18.00	=	\$ 0.00
Independent Claims (37 C.F.R. 1.16(b))	4	- 3	= 1	x \$ 80.00	=	\$ 80.00
Multiple Dependent Claims (37 C.F.R. 1.16(d))			+ \$ 270.00		=	\$ 0.00
Fee Calculation for Extra Claims						\$ 80.00

- ☐ Amendment canceling extra claims enclosed.
- ☐ Amendment deleting multiple-dependencies enclosed.

Total Filing Fee Calculation **\$ 790.00**

10. Small Entity Statement

- ☐ Small entity status is claimed under 37 C.F.R. 1.27.

Filing Fee Calculation (50% of Filing Fee calculated in Item 9 above) \$

11. Fee Payment

- ☒ Not enclosed. No filing fee is to be paid at this time.
- ☐ Enclosed:

- ☐ Basic filing fee (Item 9 or 10 above) \$
- ☐ Fee for recording Assignment
\$40.00 (37 C.F.R. 1.21(h)) \$
- ☐ Processing and retention fee
\$130.00 (37 C.F.R. 1.53(d) and 1.21(l)) \$

Total fees enclosed **\$ 0.00.**

Variable	Mean		SD		t		p	
	Control	Case	Control	Case	Control	Case	Control	Case
Age	30.5	30.5	1.2	1.2	0.0	0.0	0.999	0.999
Gender	100	100	0	0	0.0	0.0	0.999	0.999
Height	170.5	170.5	5.0	5.0	0.0	0.0	0.999	0.999
Weight	65.0	65.0	10.0	10.0	0.0	0.0	0.999	0.999
Heart rate	75.0	75.0	10.0	10.0	0.0	0.0	0.999	0.999
Blood pressure	120/80	120/80	10/10	10/10	0.0	0.0	0.999	0.999
Respiratory rate	12.0	12.0	2.0	2.0	0.0	0.0	0.999	0.999
SpO ₂	98.0	98.0	1.0	1.0	0.0	0.0	0.999	0.999
Temperature	36.5	36.5	0.2	0.2	0.0	0.0	0.999	0.999
Heart rate variability	50.0	50.0	10.0	10.0	0.0	0.0	0.999	0.999
Heart rate variability (ln)	3.91	3.91	0.10	0.10	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln) (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999
Heart rate variability (ln)	0.00	0.00	0.00	0.00	0.0	0.0	0.999	0.999

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